



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: March 15, 2011

TO: Mayor and Councilmembers

FROM: Airport Administration, Airport Department

SUBJECT: Contract For Orthophoto, Topographic, Utility Mapping And Boundary Survey Project

RECOMMENDATION:

That Council authorize the Airport Director to execute a Professional Services contract, subject to approval as to form by the City Attorney, with Penfield & Smith for services for the Orthophoto, Topographic, Utility Mapping and Boundary Survey Project in the amount of \$146,579, and authorize the Airport Director to approve expenditures of up to \$15,000 for extra services of Penfield & Smith that may result from necessary changes in the scope of work.

DISCUSSION:

PROJECT DESCRIPTION & CONSULTANT SERVICES

The work consists of aerial photography (orthophoto), topographic mapping, airport boundary establishment, and an update of airport utility block books. The Airport's current aerial photograph and corresponding topographic map is eleven years old and needs to be updated. Many changes have occurred to the facility including the relocation of the main runway and Carneros and Tecolotito Creeks, construction of a new taxiway, and other less obvious but important features. Current topographic mapping is needed for planning and design of the Airport Department's capital projects.

The boundary of Airport property is well documented in some areas, but not as well documented in others. In particular, the boundary near the Fairview Avenue corridor needs to be better defined and survey monuments need to be set in the field so that the property line can be field located. Penfield & Smith will establish the entire property boundary and record a Record of Survey with the County Recorder.

The Airport has its own water, sewer, and storm drain utilities. A set of utility block books which show details of conduit, valve, manhole, and other features is used extensively by staff as a resource during maintenance activities. The utility block books, like the topographic map, need to be updated to reflect all the changes that have occurred since the last update.

Staff recommends that Council authorize the Airport Director to execute a contract with Penfield & Smith in the amount of \$146,579 for the mapping and surveying services. Penfield & Smith was identified as the best qualified consultant through a qualification based selection procedure, and is experienced in this type of work.

FUNDING

There are sufficient appropriated funds in the Airport Operating Budget to cover these costs.

PREPARED BY: Hazel Johns, Assistant Airport Director

SUBMITTED BY: Karen Ramsdell, Airport Director

APPROVED BY: City Administrator's Office